

CMER Internships for Undergraduates - Summer 2004

Summer internships are available at the Institute of Marine and Coastal Sciences (IMCS) at Rutgers University and at the James J. Howard Laboratory at Sandy Hook for qualified undergraduates during the summer of 2004. Successful candidates will work with staff of the Northeast Fisheries Science Center in Sandy Hook or staff at IMCS, Rutgers. Students from all scientific majors are encouraged to apply, especially sophomores and juniors. Student participants will conduct independent research projects and prepare written and oral reports at the conclusion of the internship. Research activities will be carried out in a field and/or laboratory setting. Successful candidates will receive a \$3,000* stipend for the 10-week internship experience

Research Topics

Marine Chemistry Branch:

- Investigation of Seasonal Cycles in Migratory Fish Condition
- Effects of Habitat Quality on Marine Fisheries Resources
- Exposure of Young-of-the-Year Bluefish to Polycyclic Aromatic Hydrocarbons Electrochemical Methods for Detailed Monitoring of Simulated Estuarine Environments
- Investigation of possible sources of otolith contamination

Behavior Ecology Branch:

- Habitat affinity of demersal species in disturbed coastal environments
- Identification of spring- and summer-spawned bluefish in a mid-Atlantic estuary;
- The effects of refuge and competition on survival of age-0 temperate reef fishes.

Coastal Ecology Branch – The Life History and Recruitment Group:

- Trophic interactions among key fishes of the Hudson River Estuary.

Facilities

The Institute, located on the Cook College campus of Rutgers University, operates three field stations in southern New Jersey (Marine Field Station - Tuckerton, Haskin Shellfish Research Laboratory - Port Norris, and Pinelands Field Station - New Lisbon). These facilities feature a fleet of coastal research vessels, well-equipped laboratories including running seawater, and ready access to diverse marine and coastal habitats. Dormitory facilities are available for a modest charge at all three field stations. The James J. Howard Laboratory is located in Sandy Hook. Students who receive internships to work directly at the IMCS complex in New Brunswick or in Sandy Hook are responsible for their own dormitory arrangements.

How to Apply

Applicants must be enrolled in a bachelor's degree program with a minimum GPA of 3.0 required. Students who will have received their degree prior to September 2004 are not eligible. Applicants should submit a letter describing their general background and interests in pursuing a research experience, an undergraduate transcript (unofficial copy is fine), and a letter of reference from an individual familiar with the students's academic performance by April 30, 2004, to:

Michael P. De Luca, Senior Associate Director
Institute of Marine & Coastal Sciences, Rutgers, the State University of NJ
71 Dudley Road, New Brunswick, NJ 08901-8521

Applications from traditionally under-represented groups are especially encouraged.

71 Dudley Road, New Brunswick, New Jersey 08901-8521
732/932-6555, FAX 732/932-8578